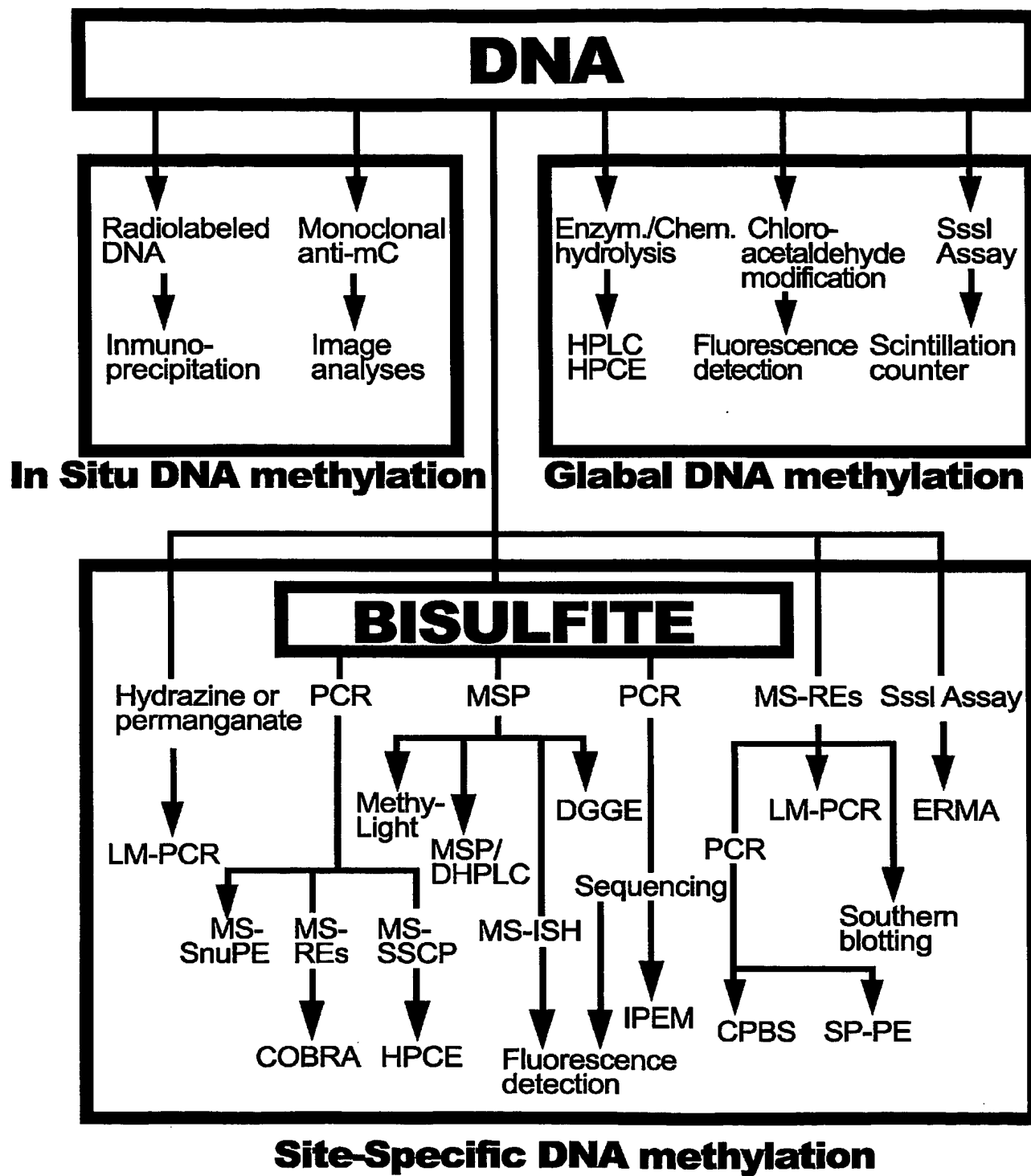


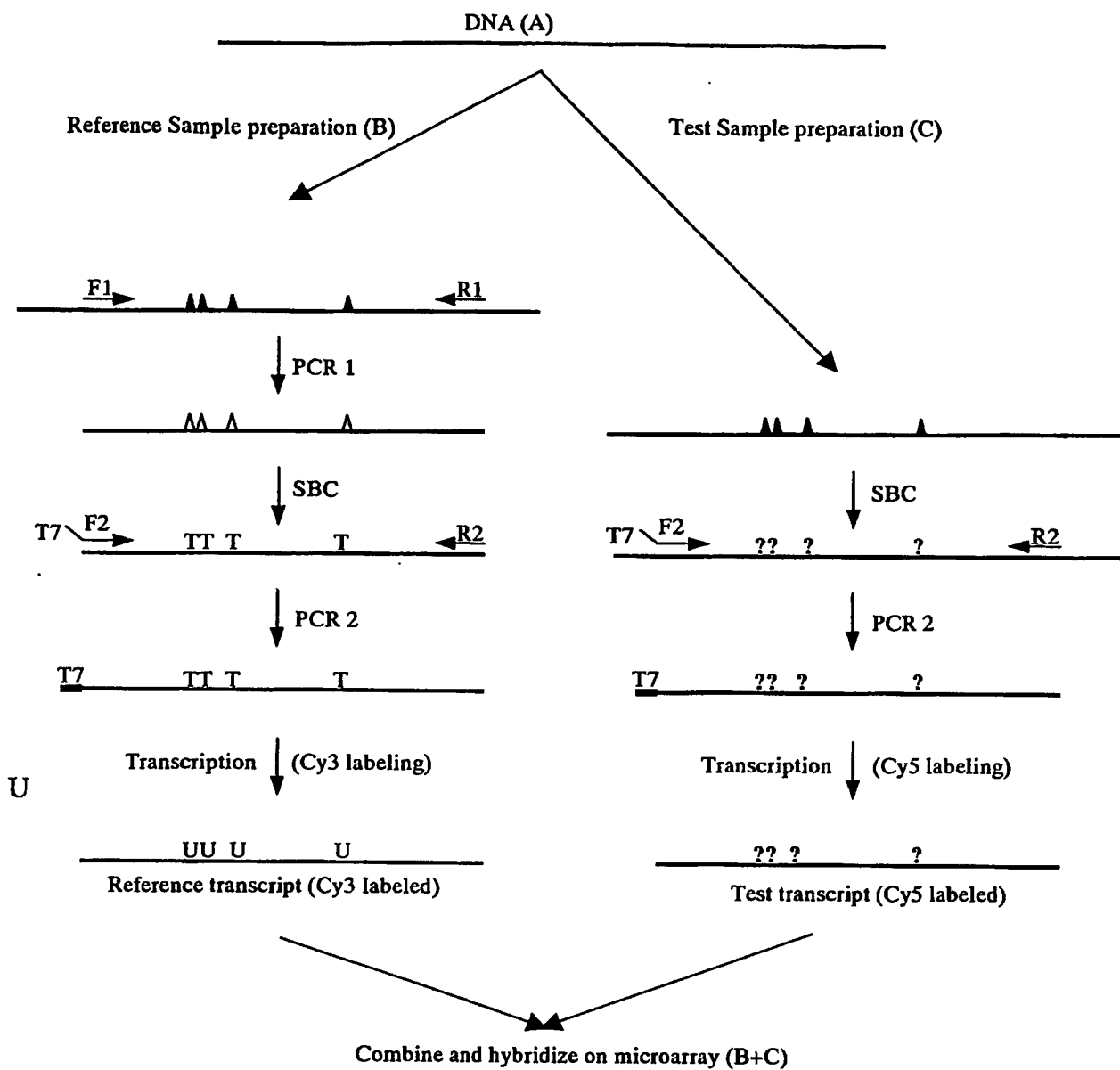
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FIG. 1



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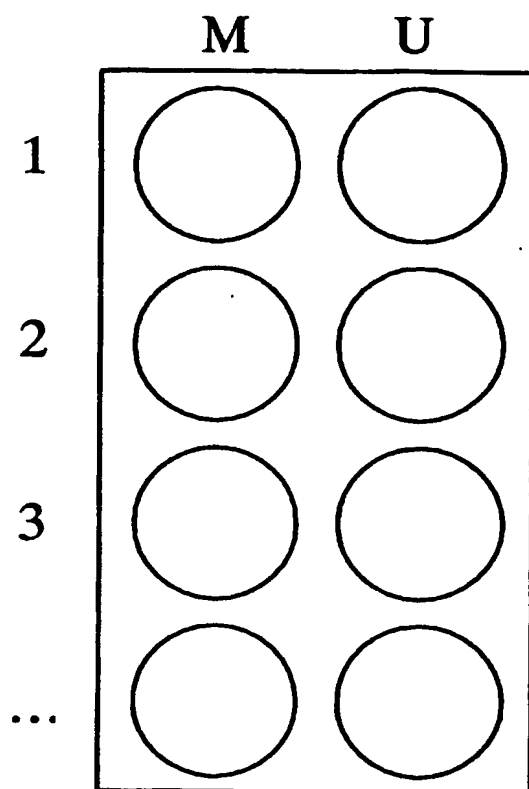
FIG. 2



- ▲ CpG dinucleotide with or without methylation
 △ CpG dinucleotide without methylation
 ? C (if methylated), T (if unmethylated) and U (in unmethylated transcript)
 SBC Sodium bisulfite conversion

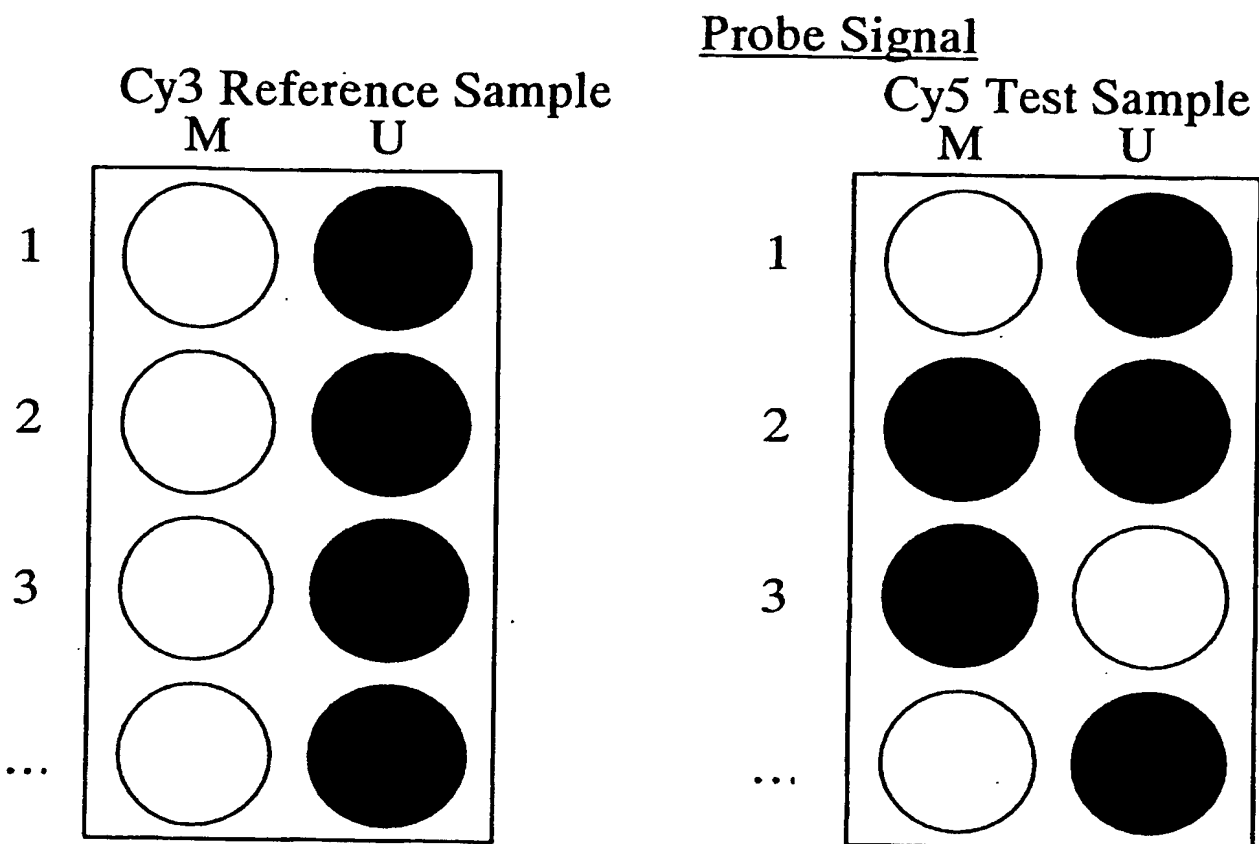
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FIG. 3



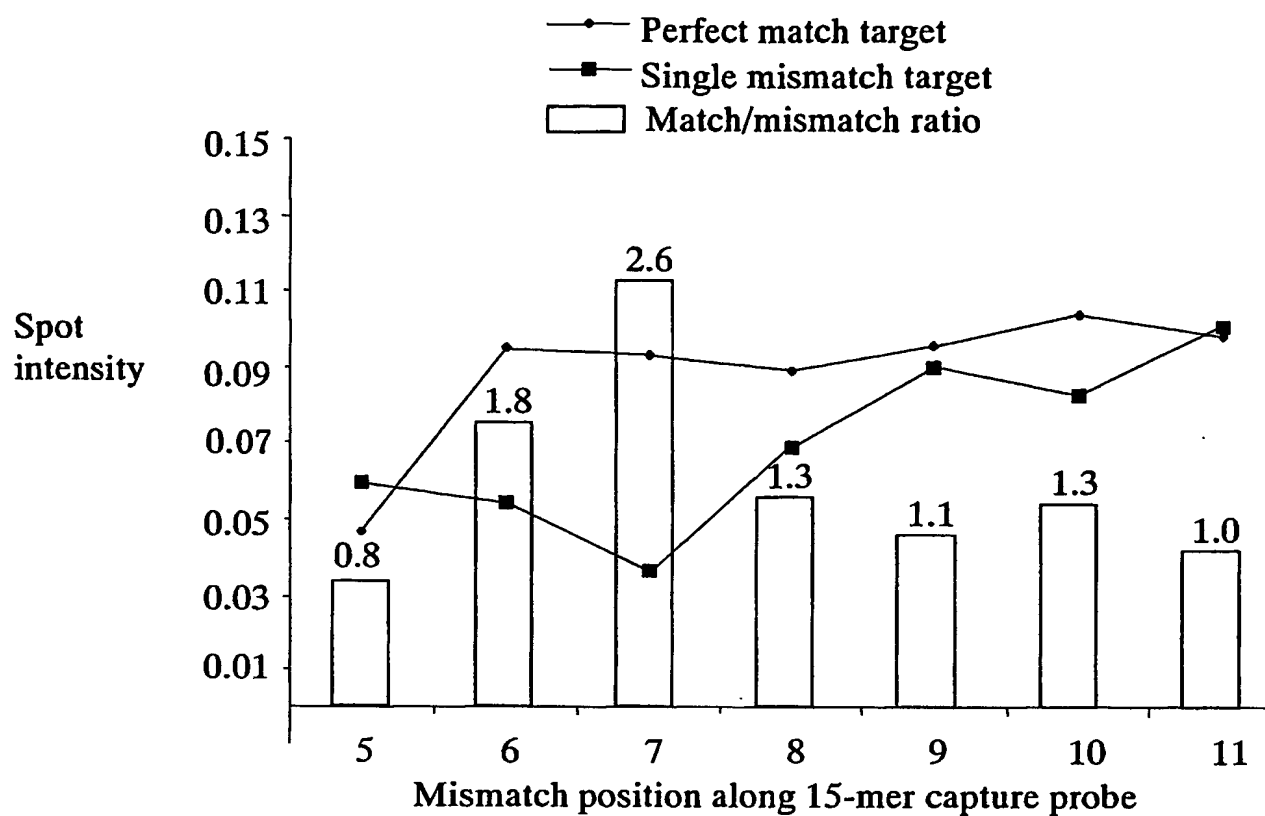
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FIG. 4



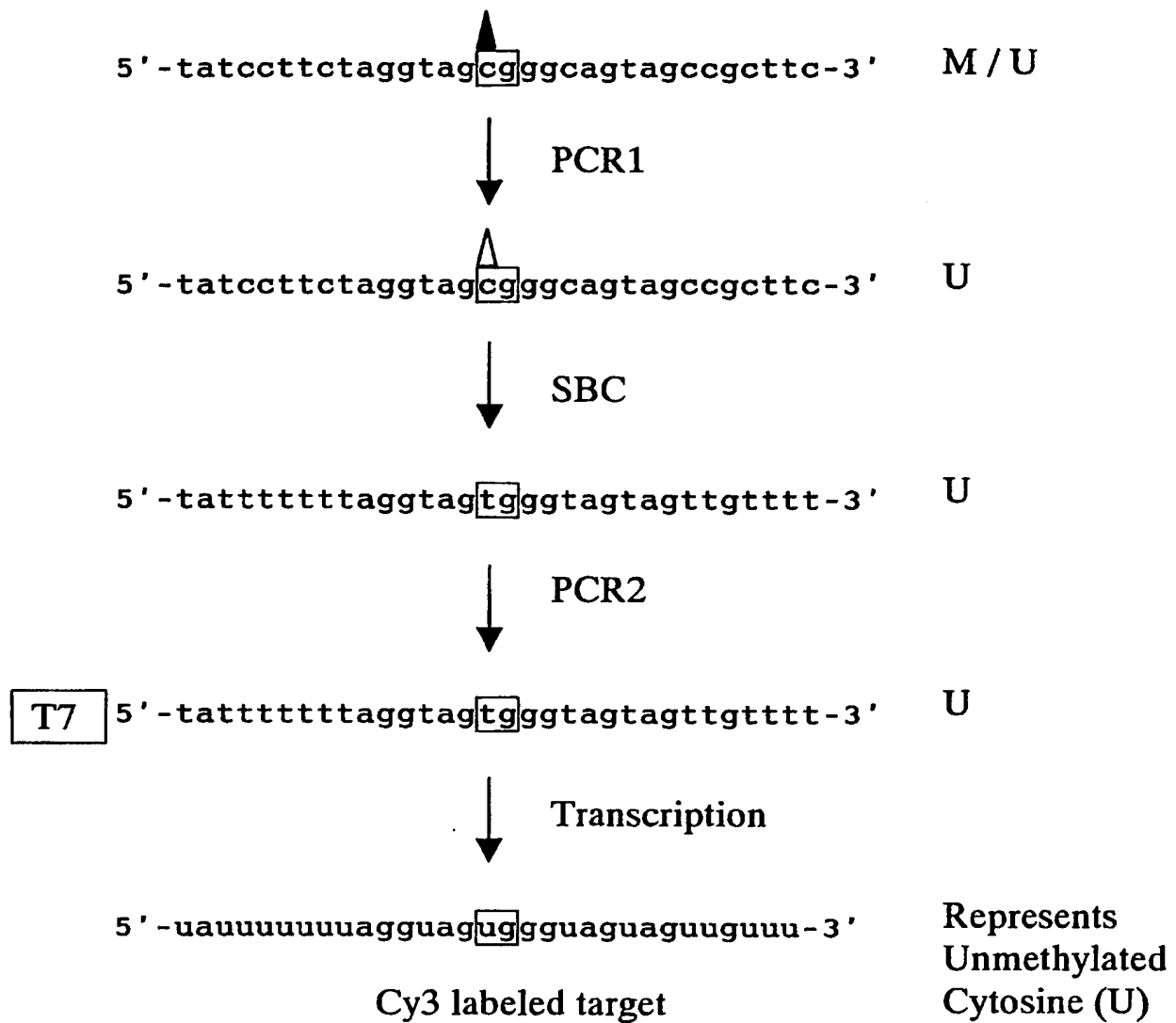
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FIG. 5

**Effects of Mismatch Position Along Capture Probe**

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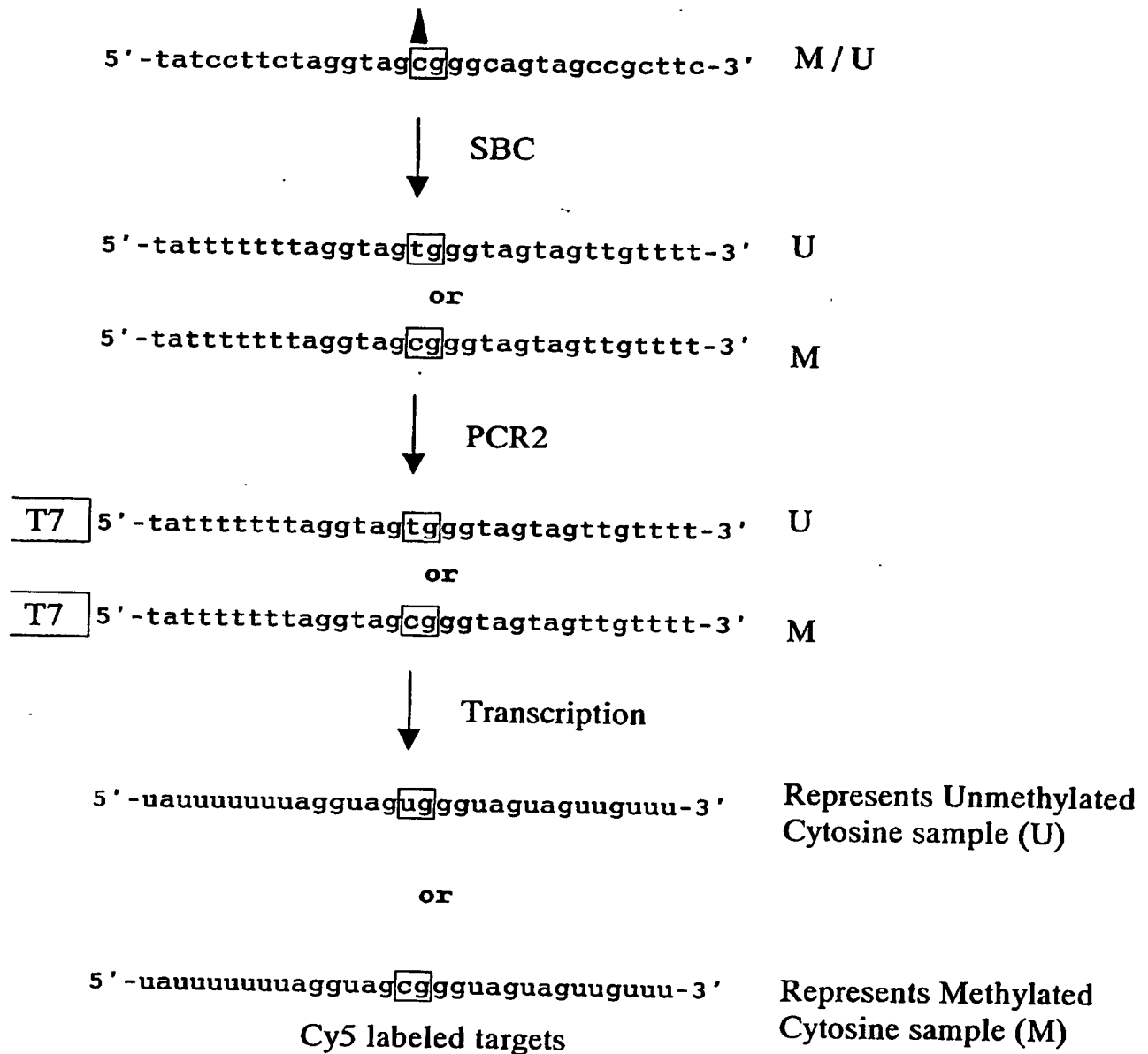
FIG. 6




▲ CpG dinucleotide with or without methylation
 △ CpG dinucleotide without methylation
 SBC Sodium bisulfite conversion

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FIG. 7



 CpG dinucleotide with or without methylation
 SBC Sodium bisulfite conversion